

**Distributed control system and an associated system component for the distributed control system**

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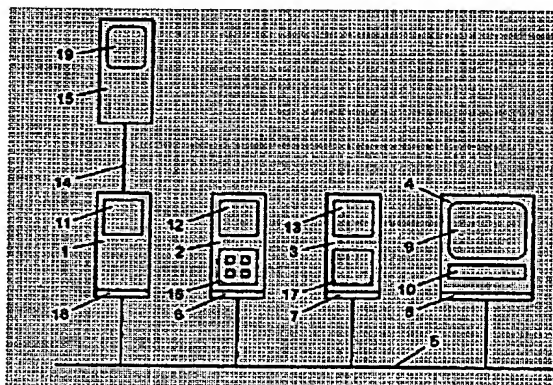
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**Report a data error he****Abstract of DE19857649**

The invention relates to a distributed control system made up of system components (1, 2, 3) containing information on the position thereof in the form of component-specific data representing spatial co-ordinates in a memory (11, 12, 13). Said components transmit information on their position via a communications channel (5) to a configuration unit (4). The component-specific data of the individual system components (1, 2, 3) is assigned to the configured components by means of a layout plan according to a tube and layout scheme. A physical address is distributed in each case, whereby a simple and error-protected configuration is provided. The invention is used in process apparatuses.



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